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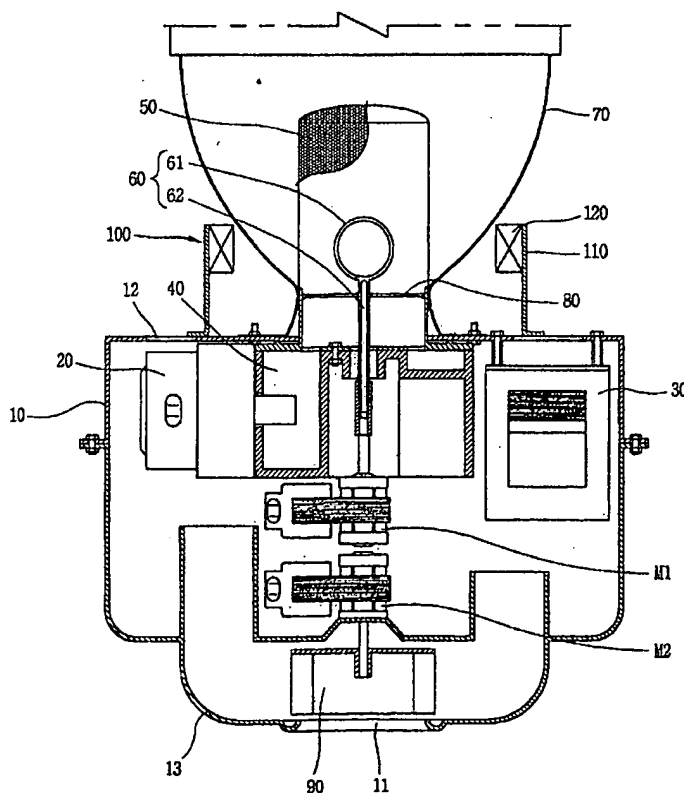
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(54) Title: APPARATUS FOR PREVENTING LEAKAGE OF MATERIAL INSIDE BULB FOR PLASMA LIGHTING SYSTEM

(57) Abstract: An apparatus for preventing
leakage of a material inside a bulb for a plasma
lighting system comprises a bulb containing a
discharge material therein for emitting light as
the discharge material becomes a plasma state
by an electric field, and a magnetic field form-
ing portion for preventing the discharge ma-
terial of a plasma state from being leaked by
an external electric field of the bulb by form-
ing a magnetic field at a peripheral portion of
the bulb. The discharge material is prevented
from being leaked out of the bulb even if the
bulb is used for a long time, and thus a lifespan
of the bulb is prolonged.